ABSTRACT

To cope with the trend toward larger-sized substrates for liquid crystal displays, pinholes of an insulating layer formed on a conductive pattern are found and repaired with a simple means and system.

This object is realized by the following process: (1) A chemical solution is confined and kept in specified regions on a substrate and an electrode plate is made to be close to the chemical solution thereby carrying out simultaneous electric treatment and pinhole inspection on a plurality of substrates. Note that there are proposed four types of mechanisms for confining the chemical solution. (2) Generation of chemical solution mist is prevented by treatment with the chemical solution within box-like containers. (3) The insulating layer on the conductive pattern is filled up with an insulating material formed by anodic oxidation etc. (4) A scan line (and a capacitance line and/or an opposed electrode) within a pinhole is inactivated by electric chemical treatment.